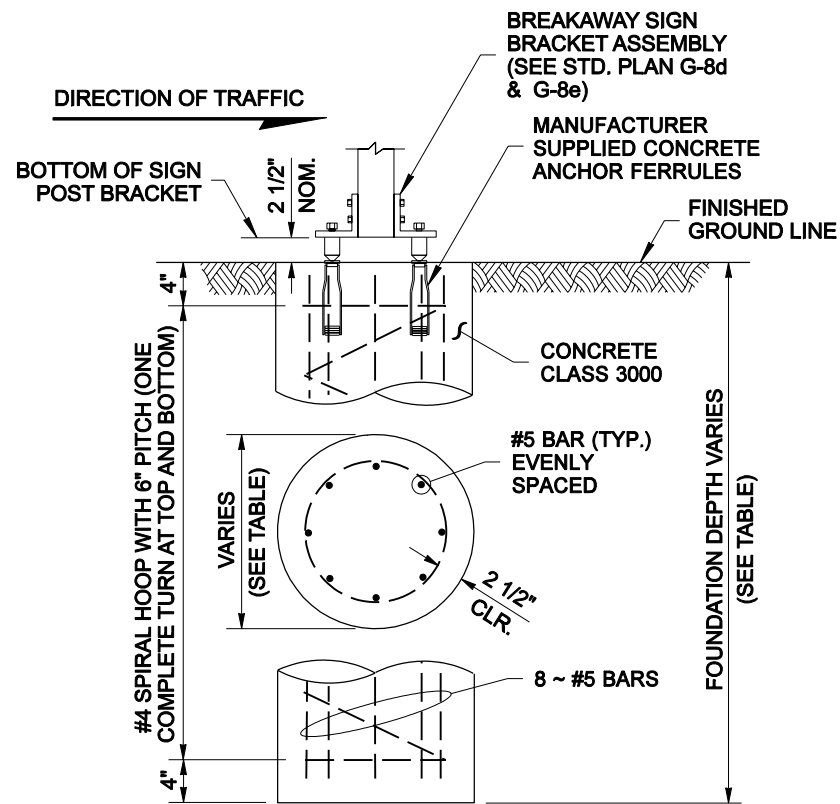


ELEVATION VIEW
TYPE TP-A & TYPE TP-B FOUNDATION

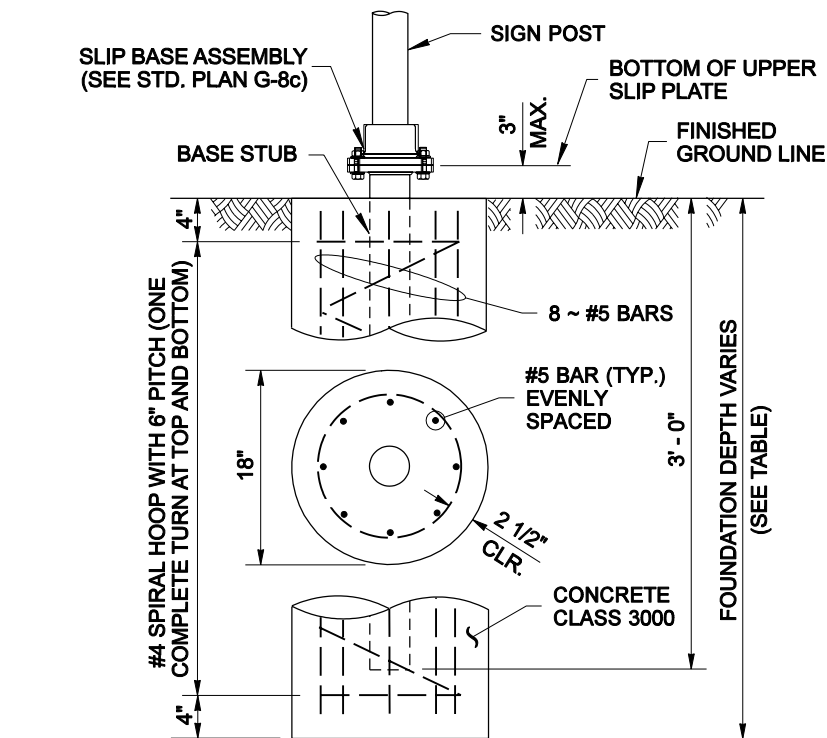
TYPE TP-A & TYPE TP-B FOUNDATION TABLE					
POST SIZE		MAX. XYZ		VERTICAL REBAR	FND. DEPTH ¹
ASTM A 36	ASTM A 992	2 POST	3 POST		
W6 x 12	W6 x 9	1570	2355	8 ~ # 5	4' - 0"
W6 x 16	W6 x 12	2340	3510	8 ~ # 5	5' - 0"
W8 x 21	W8 x 18	4120	6180	8 ~ # 6	7' - 0"
W10 x 26	W10 x 22	6320	9480	8 ~ # 7	8' - 0"
W12 x 30	W12 x 26	8700	—	8 ~ # 7	9' - 0"



ELEVATION VIEW
TYPE AS & TYPE AP FOUNDATION

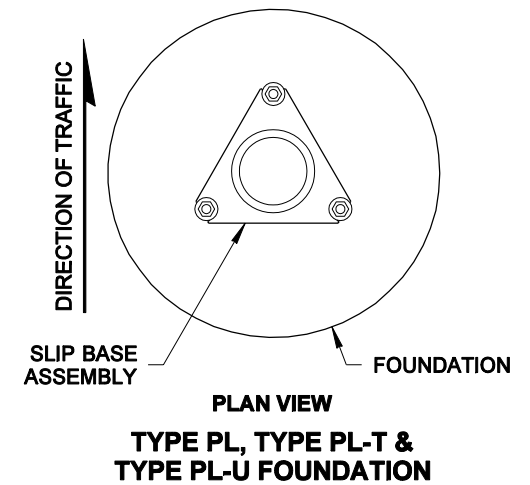
TYPE AS FOUNDATION TABLE			
POST SIZE	MAX. XYZ	FND. DIAM.	FND. DEPTH ¹
4" SQ.	250	18"	4' - 0"
5" SQ.	300	24"	4' - 0"
6" SQ.	350	24"	4' - 0"
7" SQ.	400	28"	5' - 0"
8" SQ.	450	28"	5' - 0"

TYPE AP FOUNDATION TABLE			
POST SIZE	MAX. XYZ	FND. DIAM.	FND. DEPTH ¹
2 1/2" DIAM.	225	18"	3' - 6"
3" DIAM.	250	18"	4' - 0"
3 1/2" DIAM.	275	24"	4' - 0"
4" DIAM.	300	24"	4' - 0"



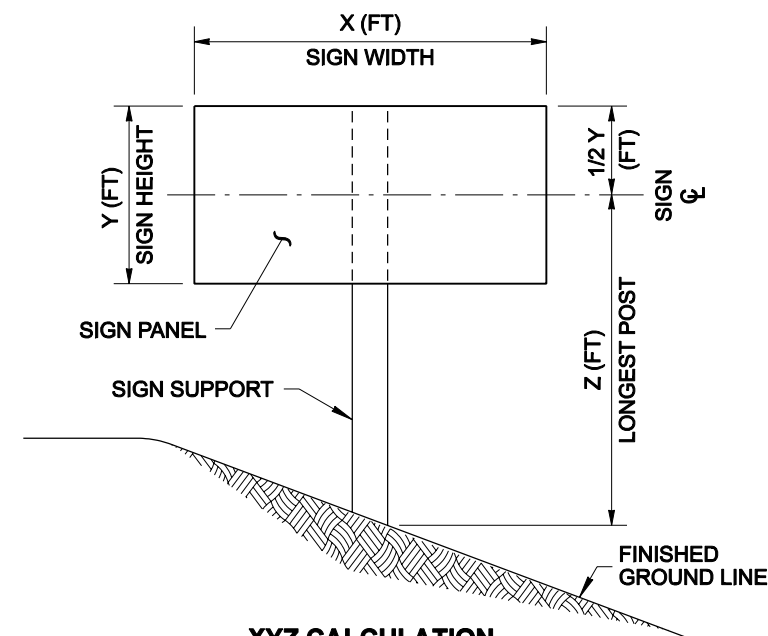
ELEVATION VIEW
TYPE PL, TYPE PL-T & TYPE PL-U FOUNDATION

TYPE PL, TYPE PL-T & TYPE PL-U FOUNDATION TABLE	
MAX. XYZ	FND. DEPTH ¹
225	3' - 6"
265	4' - 0"
300	4' - 6"
600 ²	4' - 6"

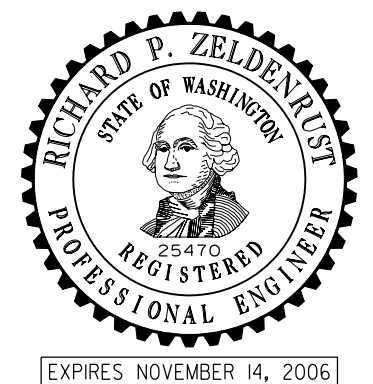


NOTE
Install conduit for Post-mounted Junction Box in the concrete foundation, when required. (See Standard Plan J-12, Sheet 2.)

- KEY NOTES**
- ¹ Foundation depths based on allowable lateral bearing pressure in excess of 2500 PSF.
 - ² Two post installation



XYZ CALCULATION
XYZ (FT³) = X × Y × Z
USED TO DETERMINE POST SIZE
~ SEE FOUNDATION TABLES



STEEL SIGN SUPPORT FOUNDATION DETAILS STANDARD PLAN G-8a

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 12-15-04

STATE DESIGN ENGINEER DATE
Washington State Department of Transportation

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.